Daohong Xia

List of Publications by Year
in descending order

33 papers	441 citations	759055 12 h-index	752573 20 g-index
33 all docs	33 docs citations	33 times ranked	469 citing authors

#	Article	IF	Citations
1	A Novel B-Doped NiP/HÎ² Catalyst for n-hexane Isomerization with Synergistic Catalytic Mechanism of Metal Sitesâ€“Acid Sites. Catalysis Letters, 2022, 152, 1844-1853.	1.4	1
2	Chiral induction in a novel self-assembled supramolecular system composed of Î±-cyclodextrin porous liquids, chiral silver nanoparticles and planar conjugated molecules. Soft Matter, 2022, 18, 975-982.	1.2	2
3	A novel Ni-doped micro-mesoporous Y zeolite for high efficiency denitrogenation. Journal of Porous Materials, 2022, 29, 1551-1563.	1.3	2
4	Inclusion as an efficient purification method for specific removal of tricyclic organic sulfur/nitrogen pollutants in fuel and effluent with cyclodextrin polymers. Separation and Purification Technology, 2021, 254, 117643.	3.9	9
5	Enhanced visible-light catalytic degradation of methylene blue by improving adsorption of porous zirconium-based porphyrin MOFs sensitized TiO2 photocatalyst. Journal of Materials Research, 2021, 36, 2961-2972.	1.2	10
6	Insights into the Self-Aggregation of Porphyrins and Their Influence on Asphaltene Aggregation. Energy & Fuels, 2021, 35, 11848-11857.	2.5	8
7	Highly selective and sensitive chiral recognition to deoxynucleosides by calixarene oligomers modified silver nanoparticles. Sensors and Actuators B: Chemical, 2021, 341, 130044.	4.0	6
8	Insight into the mechanism of asphaltene disaggregation by alkylated treatment: An experimental and theoretical investigation. Journal of Molecular Liquids, 2021, 343, 117576.	2.3	8
9	Copper(II)-Î²-cyclodextrin and CuO functionalized graphene oxide composite for fast removal of thiophenic sulfides with high efficiency. Carbohydrate Polymers, 2020, 228, 115385.	5.1	14
10	Cyclodextrin Porous Liquid Materials for Efficient Chiral Recognition and Separation of Nucleosides. ACS Applied Materials & Interfaces, 2020, 12, 45916-45928.	4.0	50
11	Effect of Calcination Temperature on Structural Properties and Catalytic Performance of Novel Amorphous NiP/HÎ² Catalyst for n-Hexane Isomerization. Catalysts, 2020, 10, 811.	1.6	18
12	Preparation and catalytic performance of a novel organometallic CoH/HÎ² catalyst for n-hexane isomerization. New Journal of Chemistry, 2020, 44, 15646-15653.	1.4	2
13	Towards cleaner wastewater treatment for special removal of cationic organic dye pollutants: A case study on application of supramolecular inclusion technology with Î²-cyclodextrin derivatives. Journal of Cleaner Production, 2020, 256, 120308.	4.6	29
14	Bimetallic Bifunctional Pt-NiP/HÎ² as a Novel and Highly Efficient Catalyst for n-Hexane Isomerization. Catalysis Surveys From Asia, 2020, 24, 104-114.	1.0	7
15	Green Fuel Desulfurization with Î²-Cyclodextrin Aqueous Solution for Thiophenic Sulfides by Molecular Inclusion. Energy & Fuels, 2019, 33, 9690-9701.	2.5	12
16	Impact of Functional Group Methylation on the Disaggregation Trend of Asphaltene: A Combined Experimental and Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 29543-29555.	1.5	25
17	Theoretical study on the atmospheric reaction of CH₃SH with O₂. International Journal of Quantum Chemistry, 2019, 119, e25822.	1.0	6
18	Structure and adsorptive desulfurization performance of the composite material MOF-5@AC. New Journal of Chemistry, 2018, 42, 3840-3850.	1.4	53

#	Article	IF	Citations
19	Dicationic Ionic Liquid: A Novel Method for Improving the Isomerization Degree of n-Pentane. Energy & Fuels, 2018, 32, 5518-5526.	2.5	12
20	A New Strategy for Fuel Desulfurization by Molecular Inclusion with Copper(II)-Î²-cyclodextrin@SiO2@Fe3O4 for Removing Thiophenic Sulfides. Energy & Fuels, 2018, 32, 11421-11431.	2.5	13
21	Effective Removal of Phenylamine, Quinoline, and Indole from Light Oil by Î²-Cyclodextrin Aqueous Solution through Molecular Inclusion. Energy & Fuels, 2018, 32, 9280-9288.	2.5	7
22	Molecular recognition with cyclodextrin polymer: a novel method for removing sulfides efficiently. RSC Advances, 2017, 7, 38902-38910.	1.7	12
23	Relationship between surface property and catalytic application of amorphous NiP/HÎ² catalyst for n-hexane isomerization. Applied Surface Science, 2017, 425, 448-460.	3.1	17
24	Surface chemistry and catalytic performance of amorphous NiB/HÎ² catalyst for n-hexane isomerization. Applied Surface Science, 2016, 390, 157-166.	3.1	23
25	Synthesis and catalytic studies of novel tetra sulfonylphenoxyls substituted Co(II), Cu(II), and Ni(II) phthalocyanines for the LPG sweetening. Petroleum Science and Technology, 2016, 34, 130-138.	0.7	7
26	Screening and Evaluation of Types and Ratio of Monomers of Oil Soluble Viscosity Reducing Agent for Shengli Super Heavy Oil. Petroleum Science and Technology, 2015, 33, 452-459.	0.7	10
27	Solid-phase synthesis and catalytic sweetening performance of sulfonated cobalt phthalocyanine from sulfonated phthalic anhydride mixture. New Journal of Chemistry, 2014, 38, 663-668.	1.4	14
28	Synthesis, characterization and catalytic oxidation performance of new planar binuclear phthalocyanines sharing the benzene ring. Journal of Porphyrins and Phthalocyanines, 2010, 14, 904-910.	0.4	6
29	Stability and Activity of CoSPc in LPG Sweetening. Petroleum Science and Technology, 2008, 26, 1381-1389.	0.7	0
30	A Novel Method for Removing Sulfur Compounds from Light Oil by Molecular Recognition with Î²-Cyclodextrin. Petroleum Science and Technology, 2008, 26, 2023-2032.	0.7	6
31	The Oxidation-Extraction Desulfurization of FCC Gasoline. Petroleum Science and Technology, 2008, 26, 1887-1892.	0.7	3
32	Effects of Caustic Concentration on the LPG Sweetening. Petroleum Science and Technology, 2005, 23, 711-721.	0.7	12
33	A study of the distribution of sulfur compounds in gasoline produced in China. Part 1. A method for the determination of the distribution of sulfur compounds in light petroleum fractions and gasoline. Fuel, 2001, 80, 607-610.	3.4	37